

Name: \_\_\_\_\_

**Worksheet – Perfect Square Trinomials – Version 4**

Directions: Please fully factor the following expressions. Remember you need to get 8 out of 10 to avoid getting more remediation on this skill.

1.  $x^2 + 8x + 16$

2.  $y^2 - 18y + 81$

3.  $100b^2 + 20b + 1$

4.  $9x^2 + 42x + 49$

5.  $x^2 + 22xk + 121k^2$

6.  $x^{10} + 8x^5 + 16$

7.  $x^2y^{10} - 14xy^5 + 49$

8.  $3x^2 + 30x + 75$

9.  $9a^2 + 18ab + 9b^2$

10.  $x^2 - 26x + 169$